



Optimum Protection

Weather- and corrosion-resistant analyser shelters as turnkey complete solutions



Premium Quality Solutions from Your Experienced Partner

You know what you can expect from Hach® as your partner: excellent analytical solutions, supporting software and a wide variety of services. Now we are offering you an exciting new way to simplify your workdays:

AnaShell Analyser Shelters are weather- and corrosion-resistant turnkey solutions. Designed, engineered and tested by us. Quick to install at your site. Benefit from a significant reduction in your project management and system integration workload, and an effective and sustainable way to protect your investment in valuable analysis technology.



Analyser

Sample Preconditioning



Analyser Shelter

System Integration



Software

Service + Support



*AnaShell = Analytical Shell, protective shelter for process instrumentation



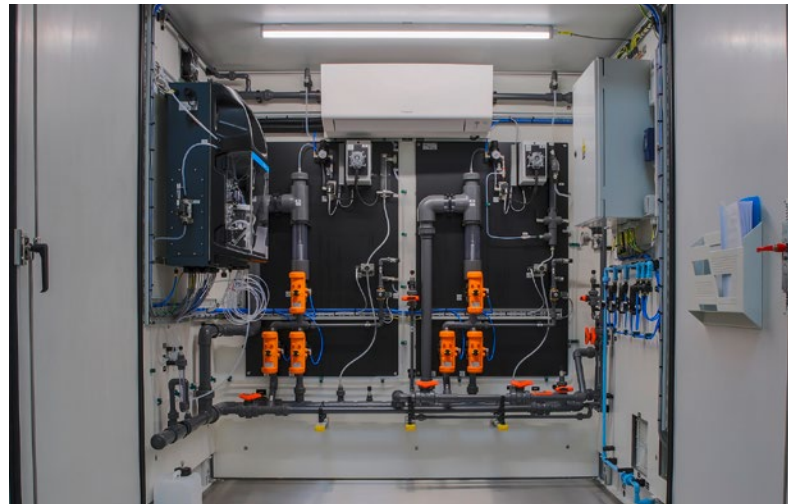
Optimum conditions for top analytical performance

You need your analysers to deliver reliable results around the clock – as good as the lab's, yet with as little effort as possible.

AnaShell Analyser Shelters protect your measurement technology from harmful vapours, vibrations, precipitation, solar radiation and temperature fluctuations.

As a result, they help you to create the ideal conditions for achieving analytical accuracy with a reasonable up-time in the face of ever more stringent limit values and the demand for pinpoint measurement accuracy for process optimisation projects.

Walk-in analyser shelters also shield your employees from the weather, offering benefits related to health, safety and the environment.



Everything from a single source – including professional integration

Always struggling for time and resources? It can be easy to underestimate just how much effort is required to coordinate and find the technical expertise required for modernisation projects that seem simple at first glance.

Our in-house experts provide you with a professional, complete solution using premium, perfectly coordinated components to reduce your project risk.

Save yourself the stress of project-managing multiple stakeholders and successfully finish your project significantly faster with Hach as your partner.



Instant and sustainable operational reliability

Your new analyser shelter accommodates analysers, sampling equipment, sample preconditioning systems and the necessary supply connections for your online measurements. Before delivery, the entire system and all components undergo a factory acceptance test (FAT).

For you, this means:

- Less installation work on site
- Fast commissioning after delivery

As you would expect, service and support remains available even after commissioning. Optimise the service life and uptime of your analysers with our attractive service offers.



AnaShell Shelters for Process Instrumentation

Standing Cabinets

AS1050



Height = 2.14 m
Width = **0.9** m
Depth = 0.5 m

1×  *)

AS1100



Height = 2.14 m
Width = **1.1** m
Depth = 0.5 m

1× 

AS2000



Height = 2.14 m
Width = **2** m
Depth = 0.5 m

2× 

AS3000



Height = 2.14 m
Width = **2** m
Depth = **1.2** m

2× 

Walk-in Shelters

AS4100



Height = 2.56 m
Width = **2** m
Depth = **2** m

3× 

AS4300



Height = 2.56 m
Width = **2** m
Depth = **3** m

4× 

AS4500



Height = 2.56 m
Width = **2** m
Depth = **4** m

6× 

AS4700



Height = 2.66 m
Width = **2** m
Depth = **5** m

8× 

*) Includes sample preparation, depending on analyser dimensions. For outdoor installation of analysers, we recommend the AS3000 type as the minimum size. This reliably protects operating personnel and instrumentation from the weather, e.g. during routine maintenance work.

Material: Sandwich construction made of GRP (glass fiber reinforced polyester) by low pressure Resin Transfer Molding (RTM) using UV resistant impregnate gelcoat process. Base frame: stainless steel, including lifting and transport brackets. Insulation: 2 cm, $K=1.2 \text{ W/m}^2\text{K}$ (optional: 4 cm, $K=0.75 \text{ W/m}^2\text{K}$).

Certifications: CE Declaration of Conformity conform Machine Directive 2006/42/EC and EMC Directive 2014/30/EU

Options: air-conditioning unit; electrical heating; ventilation; local signal junction box; oil-free compressor; sink; hot water boiler; protective rain and sunroof. Other dimensions and configurations on request.

[More Information](#)

